

DEC 20 2004

PTO/SB/21 (09-04)

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3746
JW/B**TRANSMITTAL
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(to be used for all correspondence after initial filing)

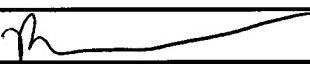
Total Number of Pages in This Submission

Application Number	10/021,566
Filing Date	December 12, 2001
First Named Inventor	Hunter et al.
Art Unit	3746
Examiner Name	Charles G. Greay
Total Number of Pages in This Submission	8
Attorney Docket Number	DKT-00147A (BWI-00061)

ENCLOSURES (Check all that apply)

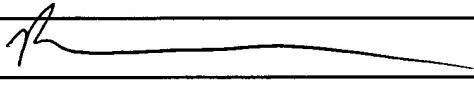
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	Return Receipt Postcard and Statement of the Substance of the Interview.
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Reply to Missing Parts/ Incomplete Application	<input type="checkbox"/> Landscape Table on CD	
<input type="checkbox"/> <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53		
Remarks		
Applicant believes no fee to be due for the attached filing, however, should additional fees be due in order to prevent the abandonment of this application, please consider this as authorization to charge Deposit Account No. 501612 (Warn, Hoffmann, Miller & LaLone, P.C.) for any such fees due. A duplicate copy of this document is enclosed for this purpose.		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Warn, Hoffmann, Miller & LaLone, P.C.		
Signature			
Printed name	Philip R. Warn		
Date	December 17, 2004	Reg. No.	32775

CERTIFICATE OF TRANSMISSION/MAILING

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Signature 

Typed or printed name Philip R. Warn - Reg. No. 32775 Date December 17, 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 10/021,566

Filing Date: December 12, 2001

Applicant: Douglas G. Hunter, et al.

Group Art Unit: 3746

Examiner: Charles G. Freay

Title: VARIABLE DISPLACEMENT VANE PUMP WITH
VARIABLE TARGET REGULATOR

Certificate of Mailing

I hereby certify that this correspondence is being deposited with the United States Postal Service, as first class mail, in an envelope addressed to: Mail Stop Issue Fee, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on 10/17/04 By: Douglas G. Hunter.

STATEMENT OF THE SUBSTANCE OF THE INTERVIEW

Mail Stop Issue Fee
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

This is in response to the Supplemental Notice of Allowability mailed November 19, 2004, to which a response is due by December 19, 2004. Please consider the remarks set forth below.

REMARKS/ARGUMENTS

With respect to the telephonic interview conducted between the Examiner and the Applicants' attorney, Preston Smirman, on November 8, 2004, the Applicants submit the following statement of the substance of the interview.

Claims 20 and 91 were discussed. Specifically, the Applicants requested that:

- (1) claim 20, line 2, be amended to delete "rings" and insert --vanes-- therefor;
- (2) claim 20, line 3, be amended to delete "vane" and insert --vanes-- therefor;

and

- (3) claim 91, lines 4 and 5, be amended to delete "pressures" and insert --pressure signals-- therefor.

The Examiner agreed to the above-referenced requested changes to claims 20 and 91. The Applicants agree with the substance of the Examiner's Interview Summary and the Examiner's Amendment.

The Examiner is invited to telephone the Applicant's undersigned attorney at (248) 364-4300 if any unresolved matters remain.

Any needed extension of time is hereby requested with the filing of this document.

The Commissioner is authorized to charge any additional fees or credit any overpayment to Deposit Account No. 50-1612. A duplicate copy of this letter is enclosed herewith.

Attorney Docket No. DKT 00147A
(BWI-00061)

Respectfully submitted,

WARN, BURGESS & HOFFMANN, P.C.
Attorneys for Applicant(s)

Dated: Dec. 17, 2004

By: Preston H. Smirman

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